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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/711,781	10/05/2004	Patrick R. Guido	014682-000014	5780
44870 7590 05/24/2007 MOORE & VAN ALLEN, PLLC For IBM P.O. Box 13706 Research Triangle Park, NC 27709			EXAMINER ALI, OMAR R	
			ART UNIT 2109	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.		Applicant(s)	
	10/711,781		GUIDO ET AL.	
	Examiner		Art Unit	
	Omar Abdul-Ali		2109	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-41 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>01/05</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

The following action is in response to the original filing of October 5, 2004. Claims 1-41 are pending and have been considered below.

Claim Rejections - 35 USC § 101

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

2. Claims 36-41 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

Claims 36-41 are drawn to a computer readable medium, which the applicant has defined in the specification (page 13, paragraph 40) to encompass an electronic transmission signal. The Office considers an electronic signal to be a form of energy. Energy is not a series of steps or acts and ^{is} this is not a process. Energy is not a physical article or object and as such is not a machine or manufacture. Energy is not a combination of substances and therefore not a compilation of matter. Thus, an electronic transmission signal does not fall within any of the four categories of invention. Therefore, Claims 36-41 are not statutory.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-5, 9, 15-18, 25, 30, 31, and 34-39 rejected under 35 U.S.C. 102(e) as being anticipated by Duperrouzel et al. (US 7,149,982).

Claims 1, 15, 25, and 36: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface, comprising:

a. translating a selected scroll position in the web user interface to a pair of scroll coordinates in response to operation of a set scroll position function (column 8, lines 26-38/column 11, lines 44-54);

b. advancing the web user interface to the selected scroll position in response to each occurrence of an event including at least one of opening, reloading or refreshing the web user interface or operating a hyperlink in the web user interface (column 9, lines 16-23).

Claims 2 and 16: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 1 and 16 above, further comprising:

a. setting at least a vertical scroll position and a horizontal scroll position in response to operation of the set scroll position function (column 12, lines 6-13).

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Claims 3 and 37: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 1 and 16 above, further comprising:

- a. setting either a vertical or horizontal scroll position in response to operation of the set scroll position function (column 11, lines 44-54);
- b. automatically setting the other of the vertical or horizontal scroll position in response to setting either the vertical or horizontal scroll position (column 11, lines 44-54).

Claims 4, 17, and 38: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 1, 15, and 36 above, further comprising:

- a. storing the pair of scroll coordinates in association with a universal resource locator (URL) for the web user interface (column 11, lines 44-54).

Claims 5, 18, and 39: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 1, 15, and 36 above, further comprising:

- a. operating the set scroll position function in response to one of a right click action in a scrollbar of the web user interface to present a menu including a set position option or operating a button in the web user interface (column 11, lines 44-54).

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Claim 9: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claim 1 above, further comprising:

a. operating the set scroll position function in association with a selected portlet (non-overlapping web page) in a portal environment to present the selected portlet at a same selected scroll position each time the portal environment is entered, refreshed, reloaded, or another portlet or hyperlink is activated in the portal environment (column 4, lines 59-67/column 9, lines 16-23).

Claim 30: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface, comprising:

a. a scroll feature to scroll the web user interface to a selected position in at least a horizontal or a vertical direction (column 7, lines 27-37);

b. a set scroll position feature displayable in the web user interface to set or lock the selected scroll position (column 11, lines 44-54).

Claim 31: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claim 30 above, further comprising:

a. the set scroll position feature comprises a set scroll position option included in a context menu (column 11, lines 44-54).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 6-8, 10-14, 19-24, 26-29, 40, and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Duperrouzel et al. (US 7,149,982).

Claims 6 and 40: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 1 and 36 above, but does not explicitly disclose listening for an unload event triggered in response to a browser unloading the web user interface. However, Duperrouzel does disclose using HTML script to set the saved coordinates of the vertical and horizontal scroll bars when the page is loaded (column 11, lines 38-60). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to listen for an unload event triggered in response to a browser unloading the web user interface. One would have been motivated to listen for an unload event in order to process the saved coordinates of the vertical or horizontal scroll bars, and display them accordingly.

Claims 7 and 19: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 6 and 15

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above, but does not explicitly disclose using a Javascript to listen for the unload event and to translate the selected scroll position to the pair of scroll coordinates. However, Duperrouzel does disclose using HTML script to set the saved coordinates of the vertical and horizontal scroll bars when the page is loaded (column 11, lines 38-60). Additionally, the Examiner considers it immaterial as to which programming language the software being updated was written and that it would have been obvious to one having ordinary skill in the art at the time the invention was made that a Javascript could be used to listen for the unload event and to translate the selected scroll position to the pair of scroll coordinates. One would have been motivated to use a Javascript to listen for the unload event in view of the fact that Java is a widely used programming language throughout the Internet and World Wide Web (WWW).

Claims 8 and 41: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 1 and 36 above, further comprising:

a. receiving a browser request for a URL associated with the web user interface (column 12, lines 18-22).

Duperrouzel does not explicitly disclose generating a script for resetting the web user interface to the selected scroll position in response to the browser request containing the pair of scroll coordinates or adding the script to a response to the browser request. However, Duperrouzel does disclose using HTML script to set the saved coordinates of the vertical and horizontal scroll bars when the page is loaded

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(column 9, lines 43-53/column 11, lines 38-60). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to generate a script for resetting the user interface to the selected scroll position in response to the browser request containing the pair of scroll coordinates and adding the script to a response to the browser request. One would have been motivated to generate a script for resetting the web user interface and add the script in response to the browser request in order to allow the user to navigate back to the desired scroll position.

d. automatically scrolling a browser to the selected scroll position in response to the script (column 12, lines 28-45).

Claims 10 and 20: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface, comprising:

a. receiving a browser request for a URL associated with the web user interface (column 12, lines 18-22).

Duperrouzel does not explicitly disclose generating a script for resetting the web user interface to the selected scroll position in response to the browser request containing the pair of scroll coordinates or adding the script to a response to the browser request. However, Duperrouzel does disclose using HTML script to set the saved coordinates of the vertical and horizontal scroll bars when the page is loaded (column 9, lines 43-53/column 11, lines 38-60). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to generate a script for resetting the user interface to the selected scroll position in response to the

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browser request containing the pair of scroll coordinates and adding the script to a response to the browser request. One would have been motivated to generate a script for resetting the web user interface and add the script in response to the browser request in order to allow the user to navigate back to the desired scroll position.

d. automatically scrolling a browser to the selected scroll position in response to the script (column 12, lines 28-45).

Claim 11: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claim 10 above, further comprising:

a. forming the pair of scroll coordinates by translating the preset scroll position in the web user interface (column 8, lines 26-38).

Claims 12, 22, and 28: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 10, 20, and 25, but does not explicitly disclose listening for an unload event or appending the pair of scroll coordinates to the URL in response to detecting the unload event.

However, Duperrouzel does disclose using HTML script to set the saved coordinates of the vertical and horizontal scroll bars when the page is loaded and transmitting recalled URL's to the network to with the characteristics of each display panel being displayed in accordance with the stored configuration settings (column 11, lines 38-60). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention

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was made to listen for an unload event and append the pair of scroll coordinates to the URL in response to detecting the unload event. One would have been motivated to listen for an unload event in order to process the saved coordinates of the vertical or horizontal scroll bars, and display the result on the page.

Claims 13 and 23: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 10 and 20 above, further comprising:

a. translating the preset scroll position to the pair of scroll coordinates in response to operation of a set scroll position function in the browser (column 8, lines 26-38/column 11, lines 44-54).

Claims 14, 24, and 29: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 10, 20, and 25 above, further comprising:

a. appending the pair of scroll coordinates to the URL in response to operation of a set scroll position function in the browser (column 11, lines 44-54).

Claim 26: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claim 25 above, further comprising:

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a. receiving a browser request for a URL associated with the web user interface (column 12, lines 18-22).

Duperrouzel does not explicitly disclose generating a script for resetting the web user interface to the selected scroll position in response to the browser request containing the pair of scroll coordinates or adding the script to a response to the browser request. However, Duperrouzel does disclose using HTML script to set the saved coordinates of the vertical and horizontal scroll bars when the page is loaded (column 9, lines 43-53/column 11, lines 38-60). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to generate a script for resetting the user interface to the selected scroll position in response to the browser request containing the pair of scroll coordinates and adding the script to a response to the browser request. One would have been motivated to generate a script for resetting the web user interface and add the script in response to the browser request in order to allow the user to navigate back to the desired scroll position.

Claims 21 and 27: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claims 20 and 26 above, further comprising:

d. automatically scrolling the browser to the selected scroll position in response to the script (column 12, lines 28-45).

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7. Claims 32 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Duperrouzel et al. (US 7,149,982) in view of Ishikawa (US 5,506,951).

Claim 32: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claim 31 above, but does not explicitly disclose the context menu is displayed in response to performing a right-clicking action on a scrollbar of a browser. Ishikawa discloses a similar user interface for maintaining scroll position in a web user interface that further discloses clicking on the menu area of the jump tag causes a pop-up menu to be displayed (column 6, lines 53-56/Figure 3b). Though neither reference explicitly discloses right-clicking to bring up the context menu, it would have been obvious to one having ordinary skill in the art at the time the invention was made to enable this feature in Duperrouzel due to the fact that Ishikawa uses a clicking feature to display the pop-up menu. One would have been motivated to display the context menu in response to performing a right-clicking action on the context menu to enable the user to easily save the position of the scrollbar with limited cursor movement across the display.

Claim 33: Duperrouzel discloses a system, method, and computer readable medium for maintaining scroll position in a web user interface as in Claim 30 above, but does not explicitly disclose the set scroll position feature comprises a floating button. Ishikawa discloses a similar user interface for maintaining scroll position in a web user interface that further discloses creating a jump tag to indicate a saved scroll position (column 5,

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lines 53-62). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a floating button with the set scroll position feature. One would have been motivated to include a floating button with the set scroll position feature to provide a visual indicator to the user that specifies the set position of the scrollbars.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Omar Abdul-Ali whose telephone number is 571-270-1694. The examiner can normally be reached on Mon-Fri(Alternate Fridays Off) 7:30 - 5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Myhre can be reached on 571-270-1065. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OAA
05/16/2007



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